



2824

## PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 16, 2003  
Date

Denise Sheridan Ph.D. & P. R. 557  
Denise Sheridan

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants :	Timothy B. Cowles et al.	Attorney Docket No.:	500792.03
Serial No. :	10/043,680	Group Art Unit :	2824
Filed :	January 10, 2002	Examiner :	Van Thu T. Nguyen
Title :	REFRESH CONTROLLER AND ADDRESS REMAPPING CIRCUIT AND METHOD FOR DUAL MODE FULL/REDUCED DENSITY DRAMS		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

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In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references, as required under 37 C.F.R. § 1.98, are enclosed). Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/119,550, describing and claiming subject matter that is similar to the subject matter of this application, was filed on April 9, 2002. This related application, as well as

any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

I hereby certify that no item set forth on the attached form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,  
DORSEY & WHITNEY LLP



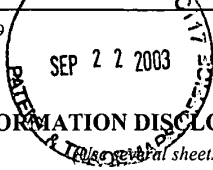
Steven H. Arterberry  
Registration No. 46,314

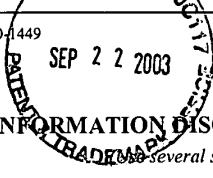
SHA:dms

Enclosures:

Postcard  
Cited References (22)  
Copy of Related Application

1420 Fifth Avenue, Suite 3400  
Seattle, WA 98101  
Telephone (206) 903-8800  
Facsimile (206) 903-8820

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 500792.03		APPLICATION NO. 10/043,680		
 <p><b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)</p>				APPLICANT(S) Timothy B. Cowles et al.				
				FILING DATE January 10, 2002		GROUP ART UNIT 2824		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	4,661,929	04/28/87	Aoki et al.	365	189		
	AB	5,134,699	07/28/92	Aria et al.	395	425		
	AC	5,229,647	07/20/93	Gnadinger	257	785		
	AD	5,414,861	05/09/95	Horning	395	750		
	AE	5,630,091	05/13/97	Lin et al.	395	437		
	AF	5,729,497	03/17/98	Pawlowski	365	200		
	AG	5,963,473	10/05/99	Norman	365	185.02		
	AH	5,974,573	10/26/99	Martin	714	48		
	AI	5,978,952	11/02/99	Hayek et al.	714	764		
	AJ	6,101,614	08/08/00	Gonzales et al.	714	6		
	AK	6,154,851	11/28/00	Sher et al.	714	5		
	AL	6,195,717 B1	02/27/01	Henderson et al.	710	101		
	AM	6,216,246 B1	04/10/01	Shau	714	763		
	AN	6,343,045 B2	01/29/02	Shau	365	227		
	AO	6,356,500 B1	03/12/02	Cloud et al.	365	226		
	AP	6,438,057 B1	08/20/02	Ruckerbauer	365	222		
	AQ	6,510,528 B1	01/21/03	Freeman et al.	714	6		
	AR	2002/0162076 A1	10/31/02	Talagala et al.	714	819		
	AS	2003/0067830 A1	04/10/03	Leung et al.	365	222		
	AT	2003/0097608 A1	05/22/03	Rodeheffer et al.	714	7		
	AU							
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AV	96/28225	09/19/96	WO (English Abstract)				
	AW							
EXAMINER					DATE CONSIDERED			
<p>* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).</p>								

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. <b>500792.03</b>	APPLICATION NO. <b>10/043,680</b>		
 <b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)			APPLICANT(S) <b>Timothy B. Cowles et al.</b>			
			FILING DATE <b>January 10, 2002</b>	GROUP ART UNIT <b>2824</b>		
<b>OTHER PRIOR ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)						
	AX	Stallings, William, "Computer Organization & Architecture: Designing for Performance," pp. 103-116.				
	AY					
EXAMINER			DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant(s).						